

PATENT CLAIMS

1. An arrangement for anchoring of an implant (5) and
5 installation on the implant or implants of a
dental structure (37, 50), for example dental
bridge, tooth preparation, etc., the respective
implant being designed to be recessed in a hole
10 (4) by means of a tightening tool (10) which has
first members (11), for example sleeve,
screwdriver, etc., which can cooperate with
corresponding second members (9), for example an
upwardly protruding polygonal socket, helical
15 groove, etc., on the implant, wherein, during
anchoring of the respective implant, a sleeve (14)
provided with one or more actuating members (15)
is designed to be engageable with slight clearance
(t) in relation to the upper parts of the implant
20 with the aid of said actuating member or actuating
members, and wherein the tightening tool is
designed to be applied so as to cooperate with the
implant via the sleeve, and wherein, after
completed anchoring of the implant and removal of
25 the tightening tool, the sleeve can be removed
with the actuating member or actuating members in
order to make room for application of members (24,
25) included in the installation.
2. The arrangement as claimed in patent claim 1,
30 wherein the sleeve (14), with the aid of the
actuating member (15) or actuating members, can
also be removed after a period of time, for
example up to 1 hour, has elapsed since completion
of the anchoring function.
- 35 3. The arrangement as claimed in patent claim 1 or 2,
wherein said play lies in the tolerance range of
0.1-0.2 mm.

- 11 -

4. The arrangement as claimed in patent claim 1, 2 or 3, wherein the members included in the installation comprise a spacer sleeve that can be applied over the second member on the implant, and
5 a guide sleeve which can be arranged relative to the spacer sleeve (24).
5. The arrangement as claimed in any of patent claims 1-4, wherein the actuating member consists of an
10 outwardly projecting grip part (15).
6. The arrangement as claimed in any of patent claims 1-5, wherein the actuating member, in addition to serving as a manual actuating member, also
15 functions as an indicator for necessary application before the anchoring, and necessary removal after the anchoring, of the sleeve (14) supporting the actuating member.
- 20 7. The arrangement as claimed in any of patent claims 1-6, wherein the sleeve (14) supporting the actuating member (15) is arranged to serve as guide member for the tightening tool (10).
- 25 8. The arrangement as claimed in any of patent claims 1-7, wherein the sleeve supporting the actuating member (15) is arranged to serve as protection of the upper contact surfaces (23) of the implant and to prevent accumulation of bacteria on the
30 surfaces in conjunction with the anchoring and transition to the installation.
9. The arrangement as claimed in any of patent claims 1-8, wherein the actuating member has, starting
35 from the sleeve provided with actuating member, a substantially uniform width and/or uniform thickness.
10. The arrangement as claimed in any of patent claims

- 12 -

1-9, wherein the actuating member extends from the sleeve provided with the actuating member at a substantially right angle (α).

5 11. A system permitting anchoring of an implant and
installation on the implant or implants of a
dental structure (37, 50), for example dental
bridge, tooth preparation, etc., the respective
10 implant (5) being designed to be recessed in a
hole (4) by means of a tightening tool (10) which
has first members, for example sleeve,
screwdriver, etc., which can cooperate with
corresponding second members, for example an
15 upwardly protruding polygonal socket (9), helical
groove, etc., on the implant, wherein
identification equipment (33) is arranged to
identify a treatment situation on a patient (32)
and transfer information (34) dependent on the
20 identified situation to a computer appliance (35),
wherein the computer appliance in turn is arranged
to determine, as a function of the received
information (34), the structure and the anchoring
of the respective implant with a sleeve which is
25 provided with one or more actuating members and
which can be engaged with slight clearance over
upper parts of the implant with the aid of said
actuating member or actuating members, and
indicate, on the one hand, that the sleeve 14
30 provided with actuating member is to be arranged
to permit application of the tightening tool for
cooperation with the implant via its inner parts,
and, on the other hand, that the sleeve is to be
arranged to be removed with the actuating member
or actuating members in order to leave room for
35 application of members (24, 25) included in the
installation.